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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/438,989

DATE: 11/30/1999
TIME: 13:32:45

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This Raw Listing contains the General Information
Section and up to first 5 pages.

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1 <110> APPLICANT: Sanghvi, Yogesh S
2 Manoharan, Muthiah
3 <120> TITLE OF INVENTION: Gapped Oligomers Having Site Specific Chiral
4 Phosphorothioate Internucleoside Linkages
5 <130> FILE REFERENCE: ISIS4288
6 <140> CURRENT APPLICATION NUMBER: US/09/438,989
7 <141> CURRENT FILING DATE: 1999-11-12
8 <150> EARLIER APPLICATION NUMBER: 09/352,058
9 <151> EARLIER FILING DATE: 1999-07-14
10 <150> EARLIER APPLICATION NUMBER: 09/115,027
11 <151> EARLIER FILING DATE: 1998-07-14
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13 <170> SOFTWARE: PatentIn Ver. 2.1
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**VERIFICATION SUMMARY
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